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IN THE CLAIMS

1. (previously presented) A method for rendering input data simultaneously into output data comprising at least one color in a first and in a second output format, the method comprising:
 - defining for each color a plurality of bands constituting the output data;
 - sequentially processing each one of said plurality of bands, wherein said processing of a band comprises:
 - i) generating for each specific band first output data having the first output format data from the input data by means of a renderer;
 - ii) generating for each specific band, from said first output data, second output data having the second output format;wherein:
 - the first output format is a bitmap suitable for driving a main output device; and
 - the second output format suitable for driving a proofing device.
2. (previously canceled)
3. (previously presented) The method according to claim 1 wherein the main output device is either an imagesetter or a platesetter.
4. (previously presented) The method of claim 1 wherein the first output data for a specific band comprises data for a plurality of colors.
5. (previously presented) The method according to claim 1 further comprising: descreening the first output data for said specific band.

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6. (previously presented) The method according to claim 1 further comprising:

temporarily storing a first portion of said first output data for a specific band wherein the first portion adjoins data for another specific band out of said plurality of bands;

using the first portion of the first output data for said specific band for connecting said second output data for said specific band to said second output data for said other specific band.

7. (previously presented) The method according to claim 1 further comprising the step of:

appending the first output data for each specific band out of said plurality of bands, thus obtaining the output data in the first output format.

8. (previously presented) A system for processing data comprising:

means for defining a plurality of bands constituting said output data;

means for sequentially processing each one of the plurality of bands including:

i) an output renderer for rendering from the input data for each specific band first output data in a first output format;

ii) an output generator for generating for each specific band from the first output data second output data in a second output format;

means for sending the output data in the first output format to a main output device; and

means for sending the output data in the second output format to a proofing device.

9. (previously presented) The system according to claim 8 wherein

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said main output device is an imagesetter, a platesetter or a proofing device.

10-18. (previously canceled)